```
===============================================================
Sequence Listing could not be accepted due to errors.
See attached Validation Report.
If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).
Reviewer: Durreshwar Anjum
Timestamp: [year=2009; month=7; day=14; hr=8; min=59; sec=21; ms=720; ]
===============================================================
```

```
*************************************************************
Reviewer Comments:
<210>   4

<211>   519

<212>   PRT

<213>   SEAP




<400>   4


Invalid response for numeric identifier <213>, It can be either
Artificial Sequence, Unknown or Genus and species.  Please give the
abbreviated form of the above <213> response.  Please make necessary
changes.
*************************************************************
```

Validated By CRFValidator v 1.0.3

Application No: 10594177   Version No: 1.0

Input Set:

Output Set:

Started: 2009-07-13 14:32:11.919
Finished: 2009-07-13 14:32:15.861
Elapsed: 0 hr(s) 0 min(s) 3 sec(s) 942 ms
Total Warnings: 2
Total Errors: 3
No. of SeqIDs Defined: 4
Actual SeqID Count: 4

Error code   Error Description

W   213   Artificial or Unknown found in <213> in SEQ ID (3)

E   257   Invalid sequence data feature in <221> in SEQ ID (3)

E   257   Invalid sequence data feature in <221> in SEQ ID (3)

E   257   Invalid sequence data feature in <221> in SEQ ID (3)

W   402   Undefined organism found in <213> in SEQ ID (4)

<110>   Axiogenesis AG
         Ehlich, Andreas
         Bohlen, Heribert
         Schwengberg, Silke

<120>   Secreted Proteins As Markers For Cell Differentiation

<130>   2590.0050002/EJH/UWJ

<140>   10594177
<141>   2009-07-13

<150>   PCT/EP04/07529

<151>   2004-07-08

<150>   US 60/485,462

<151>   2003-07-08

<150>   EP 03015400.9

<151>   2003-07-08

<160>   4

<170>   PatentIn version 3.1

<210>   1

<211>   5443

<212>   DNA

<213>   Mus musculus

<220>

<221> promoter

<222> (1)..(5443)

<223> alpha myosin heavy chain gene, promoter region

<220>

<221> promoter

<222> (2)..(5442)

<223> promoter region contained in SEQ ID NO 3

<220>

<221> 5'UTR

<222> (4369)..(4389)

<223> exon1

<220>

<221> 5'UTR

<222> (5071)..(5139)

<223> exon 2

<220>

<221> 5'UTR

<222> (5431)..(5443)

<223> exon 3

<400> 1
ggatcctgca aggtcacaca agggtctcca cccaccaggt gccctagtct caatttcagt   60

ttccatgcct tgttctcaca atgctggcct ccccagagct aatttggact ttgtttttat   120

ttcaaaaggg cctgaatgag gagtagatct tgtgctaccc agctctaagg gtgcccgtga   180

```
agccctcaga cctggagcct ttgcaacagc cctttaggtg gaagcagaat aaagcaattt    240

tccttaaagc caaaatcctg cctctagact cttcttctct gacctcggtc cctgggctct    300

agggtgggga ggtggggctt ggaagaagaa ggtgggggaag tggcaaaagc cgatccctag    360

ggccctgtga agttcggagc cttccctgta cagcactggc tcatagatcc tcctccagcc    420

aaacatagca agaagtgata cctcctttgt gacttcccca ggcccagtac ctgtcaggtt    480

gaaacaggat ttagagaagc ctctgaactc acctgaactc tgaagctcat ccaccaagca    540

agcacctagg tgccactgct agttagtatc ctacgctgat aatatgcaga gctgggccac    600

agaagtcctg gggtgtagga actgaccagt gacttttcag tcggcaaagg tatgaccccc    660

tcagcagatg tagtaatgtc cccttagatc ccatcccagg caggtctcta agaggacatg    720

ggatgagaga tgtagtcatg tggcattcca aacacagcta tccacagtgt cccttgcccc    780

ttccacttag ccaggaggac agtaacctta gcctatcttt cttcctcccc atcctcccag    840

gacacacccc ctggtctgca gtattcattt cttccttcac gtccctctg tgacttccat    900

ttgcaaggct tttgacctct gcagctgctg gaagatagag tttggcccta ggtgtggcaa    960

gccatctcaa gagaaagcag acaacagggg gaccagattt tggaaggatc aggaactaaa    1020

tcactggcgg gcctgggggt agaaaaaaga gtgagtgagt ccgctccagc taagccaagc    1080

tagtccccga gatactctgc cacagctggg ctgctcgggg tagctttagg aatgtgggtc    1140

tgaaagacaa tgggattgga agacatctct ttgagtctcc cctcaacccc acctacagac    1200

acactcgtgt gtggccagac tcctgttcaa cagccctctg tgttctgacc actgagctag    1260

gcaaccagag catgggccct gtgctgagga tgaagagttg gttaccaata gcaaaaacag    1320

caggggaggg agaacagaga acgaaataag gaaggaagaa ggaaaggcca gtcaatcaga    1380

tgcagtcaga agagatggga agccaacaca cagcttgagc agaggaaaca gaaaagggag    1440

agattctggg cataaggagg ccacagaaag aagagcccag gccccccaag tctcctctttt    1500

ataccctcat cccgtctccc aattaagccc actcttcttc ctagatcaga cctgagctgc    1560

agcgaagaga cccgtaggga ggatcacact ggatgaagga gatgtgtgga gaagtccagg    1620

gcaacctaag agccagagcc taaaagagca agagataaag gtgcttcaaa ggtggccagg    1680

ctgtgcacac agagggtcga ggactggtgg tagagcctca agataaggat gatgctcaga    1740

atgggcgggg gggggattc tgggggggg agagagaagg tgagaaggag cctggaacag    1800

agaatctgga agcgctggaa acgataccat aaagggaaga acccaggcta cctttagatg    1860
```

```
taaatcatga aagacaggga gaagggaagc tggagagagt agaaggaccc cggggcaaga      1920

catggaagca aggacaagcc aggttgagcg ctccgtgaaa tcagcctgct gaaggcagag      1980

ccctggtatg agcaccagaa cagcagaggc tagggttaat gtcgagacag ggaacagaag      2040

gtagacacag gaacagacag agacgggga gccaggtaac aaaggaatgg tccttctcac       2100

ctgtggccag agcgtccatc tgtgtccaca tactctagaa tgttcatcag actgcagggc      2160

tggcttggga ggcagctgga aagagtatgt gagagccagg ggagacaagg gggcctagga      2220

aaggaagaag agggcaaacc aggccacaca agagggcaga gcccagaact gagttaactc      2280

cttccttgtt gcatcttcca taggaggcag tgggaactct gtgaccacca tcccccatga      2340

gcccccacta cccataccaa gtttggcctg agtggcattc taggttccct gaggacagag      2400

cctggccttt gtctcttgga cctgacccaa gctgacccaa tgttctcagt accttatcat      2460

gccctcaaga gcttgagaac caggcagtga catattaggc catgggctaa ccctggagct      2520

tgcacacagg agcctcaagt gacctccagg gacacagctg cagacaggtg gcctttatcc      2580

ccaaagagca accatttggc ataggtggct gcaaatggga atgcaaggtt gaatcaggtc      2640

ccttcaagaa tactgcatgc aagacctaag acccctggag agaggggtat gctcctgccc      2700

ccacccacca taaggggagt gaactatcct agggggctgg cgaccttggg gagacaccac      2760

attactgaga gtgctgagcc cagaaaaact gaccgccctg tgtcctgccc acctccacac      2820

tctagagcta tattgagagg tgacagtaga tagggtggga gctggtagca gggagagtgt      2880

tcctgggtgt gagggtgtag gggaaagcca gagcagggga gtctggcttt gtctcctgaa      2940

cacaatgtct acttagttat aacaggcatg acctgctaaa gacccaacat ctacgacctc      3000

tgaaaagaca gcagccctgg aggacagggg ttgtctctga gccttgggtg cttgatggtg      3060

ccacaaagga gggcatgagt gtgagtataa ggccccagga gcgttagaga agggcacttg      3120

ggaagggggtc agtctgcaga gcccctatcc atggaatctg gagcctgggg ccaactggtg      3180

taaatctctg ggcctgccag gcattcaaag cagcacctgc atcctctggc agcctgggga      3240

ggcggaaggg agcaacccc cacttatacc ctttctccct cagccccagg attaacacct      3300

ctggccttcc cccttcccac ctcccatcag gagtggaggg ttgcagaggg agggtaaaaa      3360

cctacatgtc caaacatcat ggtgcacgat atatggatca gtatgtgtag aggcaagaaa      3420

ggaaatctgc aggcttaact gggttaatgt gtaaagtctg tgtgcatgtg tgtgtgtctg      3480

actgaaaacg ggcatggctg tgcagctgtt cagttctgtg cgtgaggtta ccagactgca      3540

ggtttgtgtg taaattgccc aaggcaaagt gggtgaatcc cttccatggt ttaaagagat      3600
```

```
tggatgatgg cctgcatctc aaggaccatg gaaaatagaa tggacactct atatgtgtct    3660

ctaagctaag gtagcaaggt ctttggagga cacctgtcta gagatgtggg caacagagac    3720

tacagacagt atctgtacag agtaaggaga gagaggaggg ggtgtagaat tctcttacta    3780

tcaaagggaa actgagtcgt gcacctgcaa agtggatgct ctccctagac atcatgactt    3840

tgtctctggg gagccagcac tgtggaactt caggtctgag agagtaggag gctcccctca    3900

gcctgaagct atgcagatag ccagggttga aaggggaag ggagagcctg ggatgggagc     3960

ttgtgtgttg gaggcagggg acagatatta agcctggaag agaaggtgac ccttacccag    4020

ttgttcaact caccettcag attaaaaata actgaggtaa gggcctgggt aggggaggtg     4080

gtgtgagacg ctcctgtctc tcctctatct gcccatcggc cctttgggga ggaggaatgt    4140

gcccaaggac taaaaaaagg ccatggagcc agaggggcga gggcaacaga cctttcatgg    4200

gcaaaccttg gggccctgct gtcctcctgt cacctccaga gccaagggat caaaggagga    4260

ggagccagga caggagggaa gtgggaggga gggtcccagc agaggactcc aaatttaggc    4320

agcaggcata tgggatggga tataaagggg ctggagcact gagagctgtc agagatttct    4380

ccaacccagg taagagggag tttcgggtgg gggctcttca cccacaccag acctctcccc    4440

acctagaagg aaactgcctt tcctggaagt ggggttcagg ccggtcagag atctgacagg    4500

gtggccttcc accagcctgg gaagttctca gtggcaggag gtttccacaa gaaacactgg    4560

atgccccttc ccttacgctg tcttctccat cttcctcctg gggatgctcc tccccgtctt    4620

ggtttatctt ggctcttcgt cttcagcaag atttgccctg tgctgtccac tccatctttc    4680

tctactgtct ccgtgccttg ccttgccttc ttgcgtgtcc ttcctttcca cccatttctc    4740

acttcacctt ttctcccctt ctcatttgta ttcatccttc cttccttcct tccttccttc    4800

cttccttcct tccttccttc ctttctccct tccttccttc cttccttcct tccttccttc    4860

cttccttcct gtgtcagagt gctgagaatc acacctgggg ttcccaccct tatgtaaaca    4920

atcttccagt gagccacagc ttcagtgctg ctgggtgctc tcttaccttc ctcacccccт    4980

ggcttgtcct gttccatcct ggtcaggatc tctagattgg tctcccagcc tctgctactc    5040

ctcttcctgc ctgttcctct ctctgtccag ctgcgccact gtggtgcctc gttccagctg    5100

tggtccacat tcttcaggat tctctgaaaa gttaaccagg tgagaatgtt tcccctgtag    5160

acagcagatc acgattctcc cggaagtcag gcttccagcc ctctctttct ctgcccagct    5220

gcccggcact cttagcaaac ctcaggcacc cttaccccac atagacctct gacagagaag    5280
```

caggcacttt acatggagtc ctggtgggag agccataggc tacggtgtaa aagaggcagg   5340

gaagtggtgg tgtaggaaag tcaggacttc acatagaagc ctagcccaca ccagaaatga   5400

cagacagatc cctcctatct cccccataag agtttgagtc gac   5443

<210>   2

<211>   6298

<212>   DNA

<213>   Mus musculus

<220>

<221>   promoter

<222>   (1)..(5445)

<223>   ventricular myosin regulatory light chain gene (AF302688)

<220>

<221>   5'UTR

<222>   (5446)..(5486)

<223>   exon 1

<220>

<221>   exon

<222>   (5487)..(5489)

<223>   exon 1

<220>

<221>   exon

<222>   (6209)..(6298)

<223>   exon 2

<400> 2

ctcgagtgct gggattaaag gcatgcacca ccatgctcag cctgttttct tttttaagag   60

ttaatctttt taattatgtg tatgtatgtc tttgcatgga tatgcccacg agagtgcatg   120

tgccctggaa gaccagaagg gggtgacaaa cccctgcagt tttgagcctc ctggcctggg   180

tgctgggaat caaacttaat ttctctagaa gagcagagtc ctcttaacac ccaagccctc   240

ttgccagccc ttattttgtt tggttggttg gttttttgcca aagctaggag ttccagcccc   300

agtcttttat actctgccct catggcttct gacatctcca actctgccag gggctgactc   360

ttatcttcag aaagcaattg ttactttgac ccccagcagt gctgagccac cacccagggc   420

ctgaggctag aagaaaatgt accctccttc catggtcatc ttcagaaagc actgtgaacc   480

caggtaaagg tagcaggtcc aggttcagat gtagtgtcca cagcctgtgc aaaaaggacc   540

cttcacttcc aagcttgccc cacctgatca gaccactctc cagatctggg ggaaacggta   600

gcaggctctt cacccccaaca ggagtcccca gggcacacaa gatattgcct ttgattttgt   660

ccttatgaca accctgcgaa taaaatcgtc atcatgccca ctctacagat tagaatactg   720

aagctgagag caaaaaccta cctgatgtca cactgctgct caatgactaa gcaacgaaaa   780

tcaaaagtga atattcccgc aggctccagt cttgcagatg acaaatgctc tgtcaccgtc   840

acatttgggt ccatgttctg aaatcctctg ttttcacctc cctagaaccc cagatagtac   900

ctaaatagct gagtccattc acctggccct ggctttctgc taaggaatat gtcagacatc   960

ttcaggattc ttcaaacttg ttctgagtag aaatctcttc aggcctggga gctgtttcct   1020

ctcagcagaa agcccccatg tggcacaggc caactccccc acaaccagaa ccatcatcag   1080

tcacaactgc acttcctctc atgccgaaga aacttttttt ttcagtcttg gatggatgct   1140

ggaaccatcg gatcctgtaa cccgcttctc cacctccagt acagacgtca ggacttgagg   1200

ctccctccgt ctgctctctt ctgcactgca cttgaatttc cctgaggttt ggcatttggg   1260

gttttttgttt ggcttgtttc tttgcttgcc tagaggaata atcaatgctt aggctttttaa   1320

tagcaaaggc atttagtggg tcaaccaagc actcaggaga tagacaggag ggtcagaatt   1380

caaggtcatc ctttgctaca caatgagttc agggtcagcc tgggctacac gagatccaat   1440

ctaaaataaa caaaaaataa aataattgat atttcttctc tgtatattat agttatactg   1500

tagactgttg gggatacatt ctccaagagt ctcaaagttc atctccactg agttaattaa   1560

tgttgttact ataacacaac actagagtct ggttcgttta caaatacaaa agatttattt   1620

tgggctggag agatggctca gagctgactg ctcttccaaa ggtcctgagt tccaatccca   1680

```
gcaaccacat ggtggctcga aaccatctgt aatgggatct gatgccttct tctagtgtgt      1740

ctgaagacag ctatggtgta ctcacataca taaaataaat aaataaatct taagagagag      1800

atttgtttct acaaaggcta gatgctactg agagtaaagg gtttagaact ccgttttcct      1860

cttcttacta actcactaat cccatcttgg ggggggagg gggaagcttc atgacttcac       1920

ctaacctcgt tcacctctcc tagaccttac ctcctatcgc taccaatctc tgatttgggg      1980

atcaaatttt caacccagga gctttaggga gacaaatgta aaccccagta tcccctgact      2040

cccggtgtac actggatcct gcacacagta gggctccaat aaatactgaa agtccttaga      2100

atgggggcaa aatcattttt gtgtttataa atatgaccca catgttctct catctttttaa     2160

aattgtcaga gtaatttctc tctctctctc tctctctctc tctgtgtgtg tgtgtgtgtc      2220

tgtgtctgtg tgtgtgtctg tgtctgtgtc tgtgtgtctg tgtgtgtgta ctcacatcca      2280

agtgggtttg ggtacctgtc atgtggacat gtatatgttg gtagaagcca gaagtcaacc      2340

ttgtgtgtca tttctcagag gtgatccatc ttattttttg agacagggtc tctcactgag      2400

gccggggact tactgttttt aggttacacc tgctggccag caagccagag agaccgagag      2460

agacggtctg tctccatctc tccagcgaca ggctttcaga cccacaccac catgcccagc      2520

tttgatgtgg gtctgggttt tgaggagtag aattcaggac ctcttgctga gccatctccc      2580

cagccactga acataattca tatataatct ggcttttgtt ccttttgtgg gtgcaggtg       2640

tgttttgttt tgttctttgc tgtgtattat tctgtgcatt taagcttttt tttttttgtga     2700

ctacctggga gggacactga acagccagaa aggccaggcc gaggcttcac tgatggggat      2760

gtgagcccgg gaatgctggc agctgccggg agctggaaag ggcaaaggaa aggactgtct      2820

ccgcatccac ggtggacgca gccctctgcc cgatttctat ttctggccac cagctctgcc      2880

aggtagcgag cttggctgct ctgagctgcc tgggtttgcc gttgtatttt cctactagca      2940

tgggaaagcg tgatcagctt gctttgttct caattgttcc agaagctctg ccggtcccct      3000

ccaggactcc tgagtctctg ctccgtggta ctcggggctg gctctcaaag ttctaggctg      3060

cagaaatctc acaagcgcat gagcttagag tcccagggtg gatgtccacc aagagcccag      3120

ggacaaagca ttgacagctc ctgtgtgcgc cacgtctccc cccaccccca ccctaccccc      3180

caggaactgt gagaggagtg cagagcccct cccccaggcc tttccaacaa ggactcctgg      3240

aggacccttg ggtttttaac accaaatcac caaatgtttc ccacgcagca acacaaacca      3300

gctcttcctc atacagcacg gtgggccagt ggaccatggg gacaggttac ctctgtgggc      3360

ccaggctcac ggtaaactct aacctcaatc tgtagcctcc cacagccatt tgcgggtcac      3420
```

```
cttgcttctc agccaccgtg tggcacttgg caagtcacgt gtgcctcaac acaataagaa    3480

gccaagggaa taggggcttt gcttaactgg tacagcagtg tagcccaagc tagccttgaa    3540

ctcactatgt agccaaggac gatcataaac tcttgatcct cccgcttcag agtcctgggt    3600

gttgagataa caggtgtggg tcactcccta cccttcttct aatagcaatc aatgtgtggc    3660

cacatgtttg tgcctcacag attaaaacca tcttgacctg aggacgaaat gactaacagt    3720

tgcctcctga aggttgcctg gatctcatct ttataatccc agcaatcaag gggagtgggg    3780

gatcaggagt tcaaagtcag cccagcctgg gctacatgag accctgtctt gaaaaatgga    3840

ggaattaagc tgggcgtggt gccgcactcc tttaatccca gcacttggga ggtagaggca    3900

ggcggacttc tgagttcgag gccagcctgg tctacaaagt gagttccagg acagccacag    3960

ctatacagag aaaccctgtc tcgaaaaacc agaagaaag aaagagagaa agaaagaaag    4020

aaagaaagaa agaaagaaag aaagaaagga aggaaggaag gaaggaagga aggaaggaa    4080

ggaaggaagg aaagaaagaa agaaagaaag aaagaaagac agacagaaag aaaggttagg    4140

aaagaaagaa aggaaaagaa agaaagaaag aaagaaagaa agaaagaaag aaagaaagaa    4200

agacagaaag aaaggtttgg aaagaaagaa aggaaaagaa agaaagaaag agagaaagag    4260

agaaagaaag aaagaaaaga aaagagagaa aagaaaagaa aagaaaagaa aagaaagaaa    4320

agaaaaaaaa gaaaagaaaa gaaagaaaag aaaaggaagg aagaaaagaa aagaaaaatg    4380

gaggagttaa ccctatgttt ccttttttt tattcatcat tggtgaggct atcctcagct    4440

acatatcaag ttcaagccag cctgggctac atgagaccct gcctcaaaaa agaaaaggag    4500

ccagtgtagc gacatactcc cgtcctccca gcacttggga gacagaggct actccactgc    4560

tgtctccagc agccggcctg cctccctgag cctcattttt ttcataacat ggggacccaa    4620

ctgctaaggt gaccttgctc ccatggggtg actggagact tgagagtgaa gtggttatca    4680

tttgtccagt ctgtgaacaa atggcagcct ccaaggtggt tttgtgttca aaggaggaca    4740

tgggacaggg agaggccagg gagaagagcc caccctcagg agtaggctgt ccccgtgaag    4800

ctgggtgggg acaaaaagca gagaagcaga ggcagaggac aagcgtgggt gacatttgag    4860

caaagatggg aatgtgccag aggctgccca agatgtgcat gtgcaaaggc cctgaggtgc    4920

aagggtgcct ggatccagag ccaaaagctc aggctccctc ctcctcttcc tcctcttcct    4980

cctcttcctc ctctttctcc tctccctcct ctccctcctc ccccttcctc ttcctctccc    5040

cttcctcctc ttccttctcc ccttccttct cctcccctc ctcctcctcc tcctcctgct    5100
```

cctcctcctc ctcctcctgc tcctcctcct gctcctcctc ctcctcctcc tgggttactc   5160

ttccccatta gacaatggca gggaagagag cacaccccat catccccagg ccaggcccca   5220

gccactgact ctttaacctt gaaggcattt ttgggtctca cgtgtccacc caggcgggtg   5280

gccgcctttg agcagctctt acttcagaag aacggcatgg agtggggggt ggggggctta   5340

ggtggcctcc gcctcaccta caactgccaa aagtggtcat ggggttattt ttaaccccag   5400

gggagaggta tttattgttc cacagcaggg gcagaggcca gcaggctcct cgaactctcc   5460

agaggtggca actggcctca gacacc atg gtgagtggtc agtaaaccct tgagaagaga   5519
                               Met
                                1

cgcagggtgg ggagcagaga gataacccccc tcccaagcca agcaccccat ggaggagggg   5579

gggaggagga ggggaaggag gagggaagct ctcttacgag ccccctagcc ctagatggac   5639

cagcaccttg caccctctga gggaccccaa tcagctcccc taaggagcca caaatagcag   5699

ctcctcaagg aacttgcaaa aatcaatgag aaatgcgctt gggggatggg tgcccactac   5759

ctgatctcaa gaaatcagta acaccccacc cccacccccac ccagagcttg ccaaacggag   5819

actgagagct tttaagggtc gaattgtaat tcttttccca attcaggtgg ccaggaagag   5879

gttttctggt tctctctttt gaatattccc cttgaaatat ttgtgcccgc ctcccagaac   5939

aggtagcccc cagctgctag agactgcagc taagggggcgc agagtgtacg tgtgtgtggc   5999

tgtgtgatct agagaagtga ctcaccctct ctgagcctcc agtctcctta gtggagcaga   6059

ggagagcatt agataatgtt tggaggtttt ggggtatcat ttcgcctcgc atgttgtctg   6119

ggtaccagag actcactccc caggtgacag gtcctggccc aggtcctgat ccagaggctc   6179

cacagtgtct gatggatatt cctctccag gca cca aag aaa gcc aag aag cgg   6232
                                 Ala Pro Lys Lys Ala Lys Lys Arg
                                                  5

ata gaa ggc ggg agc tcc aac gtg ttc tcc atg ttt gag cag acc cag   6280
Ile Glu Gly Gly Ser Ser Asn Val Phe Ser Met Phe Glu Gln Thr Gln
10   15   20   25

atc cag gag ttc aag gaa   6298
Ile Gln Glu Phe Lys Glu
           30

<210> 3

<211> 10475

<212> DNA

<210> Artificial Sequence

<220>

<223> composite vector

<220>

<221> promoter

<222> (77)..(5517)

<223> 77-5517 Mus musculus alpha myosin heavy chain gene, promoter region (Acc. No. U71441)

<220>

<221> CDS

<222> (5558)..(7117)

<223> SEAP

<220>

<221> rep_origin

<222> (9750)..(10393)

<223> pUC plasmid replication origin

<220>

<221> polyA_signal

<222> (9401)..(9406)

<223> Herpes simplex virus thymidine kinase polyadenylation signal

<220>

<221> polyA_signal

<222> (9414)..(9419)

<223> Herpes simplex virus thymidine kinase polyadenylation signal

<220>

<221> terminator

<222> (9163)..(9165)

<223> Kanamycin/neomycin resistance gene

<220>

<221> ATG

<222> (8371)..(8373)

<223> Kanamycin/neomycin resistance gene

<220>

<221> pr